92042

Page 1

October-19-12 2:44:47 PM Item ID: 646.9501 Accept *N900040100* Setup Start **Revision ID:** 206 Cable Cutter, High Item Name: **Start Date:** Start Qty: 1.00 19/10/2012 Cust Item ID: **Required Date:** 02/11/2012 Req'd Oty: 1.00 **Customer:** Reference: Run Process Plan: MLJ Date: 12-10-19 Tooling: Approvals: Date: QC: Date: SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Tool ID Tool # Plan Accept Reject Reject Insp. Work Center ID Description **Run Hours** Code Qty Qty Number Stamp Draw Nbr **Revision Nbr** N/C 646.9500 0.00 formus 13-10-22 DOCUMENT CONTROL *100* DC. 0.00 Memo Document Control Photocopy bluefile & type labels per PPP 646.9501 Pick Kit 110 0.00 *110* 0.00 Packaging Memo **Packaging** 120 QC4- 100% Inspect kits for completeness 0.00 *120* QC 0.00 Memo Quality Control

										DQA:	Date:	· · · · · · · · · · · · · · · · · · ·
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		Not Conce	entric to		BOM/Route		Hardwa	re	<u> </u>	Over/Under	tolerance	Temperature/Cure
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	⊢ ⊣	d/Crimped	I_		Burrs	\Box	1	ions Incomplete/l	Unclear —	Part Lost/M		Wrong Stock Pulled
	Cuffs				Contamination		Mainte			Part Moved	Ŭ <u></u>	
	Heat T	reat			Countersink		Mislabe			Positioned V	Vrong	

Misread

Out of Calibration

Out of Sequence

Outside Dimensions

Offset

Other

Power Loss/Surge

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Inspection Strip in Tube

Torque Waves in Extrusion

Cut Too Short

Drill Holes

Drawing

Finish

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

October-19-12 2:44:47 PM

Item ID: Revision ID:	646.9501	rrorrough outre regulation	r i izve e	Accept	*N900	<u>040</u>	100)*	Setup		*N:	S1*
Item Name:	206 Cable Cu	tter, High								Stop	*N.	S2*
Start Date:	19/10/2012	Start Qty: 1.00	*1*		Cust Item II	D:						
Required Date	: 02/11/2012	Req'd Qty: 1.00	*1*		Customer:							
Reference:			•									
Approvals:	Process Pla	an:	Date:	Tooling:	Da	ite:	-		Run	Start	*NI	R1*
	QC:		Date:	SPC (Y/N):	Da	ite:				Stop	*NI	R2*
Sequence ID/ Work Center I	D	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Qty		Reject Number	Insp. Stamp
130 Packaging		Packaging Memo		0.00			ı	K	DAS 6 9-89	(.	11/12)
Packaging		Identify and	pack for shipping as per	PPP 646.9501								
140 -		QC21- Final Inspection	- Work Order Release	0.00						12	1,1/,	$\sim \mathcal{N}$
*14 0 *		Memo		0.00						<u> </u>	11//	8 4
Quality Control											Л	MF
											(~	MF 5-11-14

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NCR:	Yes	/ No				WORK ORDER NON-	COI	NFORM	MANCE / UP	DATE		·		-	
												QA Closed:	Date	e:	
Work Ord	or.					DISPOSITION				AGAINST [E	PARTMENT	PROCESS		
WOIK OIG	٠,,					Rework	1		Skid-tube	Crosstube			Water Jet		Engineering
Part I	No.					Scrap	1	I.	Machining	Small Fab		Pro	d. Eng. Coor.	\neg	Quality
						Use-as-is	1	Therm	noforming	Finishing		Rec/Stor	e/Packaging		Other
NCR f	۷o.					Work Order Update]		Large Fab	Composite			Supplier		
Root			T		Descri	I ption of work order update		I Initial	Ac	tion ·		Sign &		П	
Cause		Date	Step	Qty		or Non-conformance	Cr	nief Eng	Desc	ription		Date	Verification	Į	QC Inspector
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Other														1	
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Landi		1			_	General	_	_		_		•	_		1
	L	Bending			<u></u>	Bend	L	Grain				Ovalized	L		Pressure/Forced
		Centre No	ot Concer	ntric to	o/s	BOM/Route	\perp	Hardwa	re			Over/Under	tolerance		Temperature/Cure
		Cracks				Broken/Damaged	L	Inspecti	on Incomplete			Part Incorre	ct		Weld
		Crushed/	Crimped,			Burrs		Instruct	ions Incomplete/	'Unclear		Part Lost/M	ssing		Wrong Stock Pulled
		Cuffs				Contamination		Mainte	nance	[Part Moved			
		Heat Trea	it			Countersink		Mislabe	led			Positioned V	Vrong		_
		Inspection	n Strip in	Tube		Cut Too Short Misread				•	Power Loss/Surge			Other	

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Torque Waves in Extrusion

Drill Holes

Drawing

Finish

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

October-19-12 2:44:51 PM

Work Order ID: 92042

Parent Item:

646.9501

92042 *646 9501*

Parent Item Name: 206 Cable Cutter, High

Start Date: 19/10/2012

Required Date: 02/11/2012

Start Qty: 1.00

Required Qty: 1.00

Comments:

IPP REV:A 12.08.28 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
*646.9601 *646-9601 Jpper Cutter Assembly	DAS * 6 9-89	Manufactured	No			110	Each	0.0000	**	9/28	'3	DAS 33 9-89	0.45
46.9602 AAAA PAOD ower Cutter Assembly, Hig	DAS * 6 * 9-89	Manufactured	No			110	Each	0.0000	**	9/2	88	Das 33	— DAS
(6.9810 6.46 		Manufactured	No			110	Each	0.0000	**	1 B108	293	9-89 DAS	
7.0210 647 0940	* DAS 6 9-89	Manufactured	No			110	Each	0.0000	**	1 91440	<u></u>	3	As 3 ·
7.0110 高47 0440 of Doubler	DAS * 6 9-89	Manufactured	No	÷	·	110	Each	0.0000	**	1 8970	3		89 0. 6
7.0310 647 0340 annel	* DAS	Manufactured	No			110	Each	0.0000	**	2 905	9.6 0 <i>2</i>	DAS -33	
69910 646 9910	_	Manufactured	No			110	Each	0.0000	**	4 1042		9-89 DAS 33	€ ₹
17.0112 647 0119 milBracket	9-89 DAS	Manufactured	No			110	Each	0.0000	**	8 89		9-89 DAS 33 9-89	13-1

								-				DQA:	Dat	e:	1
NCR:	Yes	/ No				WORK ORDER NON-O	COI	NFORM	MANCE / UF	PDATE					•
												QA Closed:	Dat	:e:	
Work Ord	er.					DISPOSITION				AGAINST	DE	PARTMENT	/PROCESS		
Part No					Rework Scrap Use-as-is Work Order Update	Skid-tube Crosstube Small Fab Thermoforming Finishing Composite			Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier			Engineering Quality Other			
Root			•		Descri	ption of work order update		Initial	A	ction		Sign &			
Cause		Date	Step	Qty	(or Non-conformance	Cr	nief Eng	Des	cription		Date	Verification	1	QC Inspector
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved															
							AUI	LT CATE	GORY						
Landi		Bending Centre No Cracks Crushed/ Cuffs Heat Trea Inspectio	Crimped. at n Strip in		O/S	General Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short		Instruct Mainte Mislabe Misreac	on Incomplete ions Incomplete nance led	/Unclear		Ovalized Over/Under Part Incorre Part Lost/M Part Moved Positioned V	ct issing Vrong		Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other
		Ripples in	Bend			Drill Holes	1	Offset							

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

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Work Order ID: 92042 *92042* *646 9501* 646.9501 Parent Item: Parent Item Name: 206 Cable Cutter High

Parent Item Name:	206 Cable Cutter,	High						S	tart Date: 19/1	0/2012 Red	uired Date: ()2/11/2012
								\$	Start Qty: 1.00	Re	quired Qty:	1.00
*647.0113	DAS 3*6 9-89	Manufactured	No			110	Each	0.0000	(2) **	2 89700		DAS 31
Strut Doubler 647.0111	3-03	Manufactured	No			110	Each	0.0000	シ	1	9-89	
*647_01_1	1 *DAS 6								**	89763	DAS 33	Die
647.0116	9-89	Manufactured	No			110	Each	0.0000	[2]	2	9 -89	DAS 31 3999
*647 0111 Doubler	6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8								**	89699	33	DAS
647.0410 ***********************************	9-89 DAS ∩ * 6	Manufactured	No			110	Each	0.0000	/ □ >	1	9-8 9	31 989
*647 041	9-89									90491	DAS 33	DAS
*647.0114 *647-011	DAS 4 * 6 4 * 9 89	Manufactured	No			110	Each	0.0000	/1 <i>7</i> **	1	9-89 19759	31 989
Clip 647.0115	DAS	Manufactured	No			110	Each	0.0000	ı. 🗾	90 171 0	1/41	33 DAS 9-89 31
*647 011			110			110	Lacii		**	105391	/ Das	69 80
Clip NAS1149FN832P		Purchased	No			110	Each	523.0000	111	111	33 9-89	DAS 31
NAS114	9FN832	P							*स्म	13900	DAS	13-10-22
Washer 6	8-6	•		Location	<u>1</u>	<u>Lo</u>	c Qty	Loc Code			33 9-89	DAS
Si	9 ⁄a			275	122441		198 198		_		•	DAS 31
				ST275			125		_			***
					115158		125					

*NAS1149F	FN832 P *
Washer	

Location		Loc Qty	Loc Code	
275		198		
	122441	198		
ST275		125		
	115158	125		
ST294		200		
	123352	200		

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NCR:	Yes	/ No				WORK ORDER NON-	COI	NFORM	AANCE / UP	DATE		OA Classide	Day	٠	· · · · · · · · · · · · · · · · · · ·
								<u> </u>	····			QA Closed:	Da	te:	
Work Ord	or.					DISPOSITION				AGAINST	DE	PARTMENT	PROCESS		
WOIK OIL	CI.					Rework	7		Skid-tube	Crosstube			Water Jet		Engineering
Part I	No.					Scrap	1		Machining	Small Fab	-	Pro	d. Eng. Coor.		Quality
						Use-as-is	1		noforming	Finishing		Rec/Sto	e/Packaging		Other
NCR I	No.					Work Order Update			Large Fab	Composite]	Supplier		
Root					Descri	ption of work order update		Initial	Ac	tion		Sign &			
Cause		Date	Step	Qty		or Non-conformance	Cł	nief Eng	Desc	ription		Date	Verificatio	n	QC Inspector
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Equip/Tooling				1											
Operator							1								
Material															
Setup							1								
Other							1		:						
Process				1 1											
Supplier					Ŷ										
Training							1								
Unapproved		į													
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Landi	ing (Gear				General		_				-			•
		Bending				Bend		Grain				Ovalized			Pressure/Forced
	L	Centre N	ot Conce	ntric to C)/s	BOM/Route	L	Hardwa	re			Over/Under	tolerance		Temperature/Cure
		Cracks				Broken/Damaged		Inspecti	on Incomplete			Part Incorre	ct		Weld
		Crushed/	Crimped	-		Burrs		Instruct	ions Incomplete/	/Unclear		Part Lost/M	issing		Wrong Stock Pulled
		Cuffs				Contamination		Mainte	nance	İ		Part Moved			
		Heat Trea	at			Countersink		Mislabe	led			Positioned \	Vrong		_
1		Inspectio	n Strip in	Tube		Cut Too Short		Misread	i			Power Loss/	Surge		Other
1	Г	l Rinnles ir	Rend			Drill Holes		Offset				_			

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

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Work Order ID: 92042

Parent Item Name:

Parent Item:

646.9501

206 Cable Cutter, High

92042 *646 9501*

Start Date: 19/10/2012

Required Date: 02/11/2012

DAS 33 9-89

Required Qty: 1.00

NAS1149F0332P

No

110

Each

Start Otv. 1,274.000

Loc Code

346.0000

Loc Code

500.0000

DAS	
6	
9- 89	

Location	Loc Qty	
275	298	
122441	298	
ST275	776	
117735	13	
119225	8	
121259	138	
121825	14	
122063	600	
17317	3	
ST295	200	
123352	200	
	110 Each	

		DAS
		31
		₹ %
	·	
	8	
**:60	123759	DAS

123900

AN3-11A

DAS

MS21042-3

USE MS21042L3

Purchased

Purchased

No

No

Location Loc Qty ·ST351 346 110865 46 115457 100 123352 200 110 Each

17 **

DAS	^5
3 3	(3-10-2
0.00 0.00	

DAS 6 9-89

Location ST315 123352

Loc Code Loc Oty 500 500

123525

33

9-89

									DQA:	Date:	• •			
NCR: Ye	es / No				WORK ORDER NON-C	ONFOR	MANCE / UI		QA Closed:	Date:				
Work Order	:				DISPOSITION		AGAINST DEPARTMENT/PROCESS							
Part No					Rework Scrap Use-as-is Work Order Update	4 1	Skid-tube Machining noforming Large Fab	Crosstube Small Fab Finishing Composite		Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other			
Root				Descri	otion of work order update	Initial	l .	ction	Sign &					
Cause	Date	Step	Qty	C	or Non-conformance	Chief Eng	Des	cription	Date	Verification	QC Inspector			
occ/Data quip/Tooling Operator Material Setup Other Process Supplier Training Unapproved														
					F	AULT CATE	GORY							

Landing Gear General Pressure/Forced Bending Bend Grain Ovalized BOM/Route Centre Not Concentric to O/S Hardware Over/Under tolerance Temperature/Cure Weld Broken/Damaged Inspection Incomplete Part Incorrect Cracks Wrong Stock Pulled Crushed/Crimped. Burrs Instructions Incomplete/Unclear Part Lost/Missing Cuffs Contamination Part Moved Maintenance Countersink Mislabeled Positioned Wrong Heat Treat Other Inspection Strip in Tube Cut Too Short Misread Power Loss/Surge Drill Holes Offset Ripples in Bend Out of Calibration Torque Waves in Extrusion Drawing Turning Sequence Finish Out of Sequence Wave/Twist in Tube Folio Outside Dimensions

October-19-12 2:44:51 PM

Work Order ID: 92042 *92042* 646.9501 *646 9501* Parent Item: Parent Item Name: 206 Cable Cutter, High Start Date: 19/10/2012 **Required Date: 02/11/2012** Required Qty: 1.00 Start Qty: 1.00 CCR264SS-3-06 Purchased No 110 Each 100.0000 DAS 33 DAS 31 880 9-89 **Location** Loc Qty Loc Code ST327 100 123023 100 MS21059L08 Purchased No 110 Each 1,282.000 DAS 33 9-89 Location Loc Qty Loc Code DAS 6 ST300 9-89 112314 7 ST314 400 123265 400 ST316 875 123100 775 123352 100 CR3213-4-05 Purchased 110 . No 738.0000 Each 26 DAS 33 Location Loc Oty Loc Code 9-89 DAS ST328 600 123301 123301 600 **3-89** ST331 138

38

100

108473

108991

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NCR:	Yes	/ No				WORK ORDER NON-	COI	NFORM	MANCE / UP	DATE		•			
											C	QA Closed:	Da	te:	
Work Ord	er.					DISPOSITION				AGAINST D	EΡ	ARTMENT/	PROCESS		
Part I	- No					Rework Scrap Use-as-is Work Order Update	Skid-tube Crosstube Machining Small Fab Thermoforming Finishing Large Fab Composite			Prod. Eng. Coor. Rec/Store/Packaging				Engineering Quality Other	
Root					Descri	ption of work order update		Initial	Act	tion	T	Sign &			
Cause		Date	Step	Qty	(or Non-conformance	Ch	nief Eng	Desci	ription		Date	Verification	n	QC Inspector
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved															
						F	AUI	LT CATE	GORY						
Landi	Landing Gear Bending Centre Not Concentric to O/S Cracks Crushed/Crimped. Cuffs Heat Treat Inspection Strip in Tube			O/S	General Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short		Grain Hardware Inspection Incomplete Instructions Incomplete/Unclear Maintenance Mislabeled Misread				Ovalized Over/Under Part Incorrect Part Lost/Mi Part Moved Positioned V	ct ssing Vrong		Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other	
	-	Ripples in				Drill Holes		Offset		L.			=		

Out of Calibration

Out of Sequence

Outside Dimensions

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish

October-19-12 2:44:51 PM

Work Order ID: 92042

Parent Item:

646.9501

92042 *646 9501*

Parent Item Name: 206 Cable Cutter. High **Required Date:** 02/11/2012 **Start Date:** 19/10/2012 Start Qty: 1.00 Required Qty: 1.00 CR3213-4-6 No 110 400.0000 Purchased Each 20 DAS 126320 33 DAS Loc Qty 9-89 Location 6 Loc Code 9-89 ST329 400 123301 400 CR3213-4-4 Purchased No 110 Each 410.0000 19 123785 DAS 33 9-89 Location Loc Qty Loc Code ST328 400 DAS 123301 400 9-89 ST331 10 104291 10 CR3213-4-2 110 Each Purchased No 1,019.000 18 ** 13-10-22 DAS 33 DAS Location Loc Qty Loc Code 9-89 6 ST328 1000 123301 123301 1000 ST331 19

19

113288

											DQA:	Date:	
NCR:	Yes	/ No				WORK ORDER NON-	COI	VFORM	MANCE / UPDATE		QA Closed:	Date:	
		<u></u>				DISPOSITION			AGA	AINST DE	PARTMENT,		
Work Ord	er: _						_				· · · · · · · · · · · · · · · · · · ·		
						Rework	1	l .	 	stube		Water Jet	Engineering
Part I	No					Scrap			~ I	II Fab	-1	d. Eng. Coor.	Quality
						Use-as-is]		~ 	ishing	Rec/Sto	re/Packaging	Other
NCR I	No					Work Order Update	ا		Large Fab Comp	osite	j	Supplier	
Root				Ι	Descri	ption of work order update	Τ	Initial	Action		Sign &		
Cause		Date	Step	Qty	1	or Non-conformance		nief Eng	Description		Date	Verification	QC Inspector
Doc/Data	П						1						
Equip/Tooling	П												
Operator	П						1						
Material	П												
Setup	П												
Other	П						1						
Process	П												
Supplier	П												
Training													
Unapproved													
						F	AUI	LT CATE	GORY				
Landi	ng G	iear				General		_			-		_
	Ш	Bending				Bend	L	Grain			Ovalized		Pressure/Forced
		Centre No	ot Conce	ntric to	o/s	BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure
	Ш	Cracks				Broken/Damaged		Inspect	on Incomplete		Part Incorre	ct	Weld
	Ш	Crushed/	Crimped.			Burrs		Instruct	ions Incomplete/Unclear		Part Lost/M	issing	Wrong Stock Pulled
l		Cuffs				Contamination		Mainte	nance	1	Part Moved		

Mislabeled Misread

Out of Calibration

Out of Sequence

Outside Dimensions

Offset

Positioned Wrong

Power Loss/Surge

Other

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Heat Treat

Inspection Strip in Tube

Torque Waves in Extrusion

Countersink

Cut Too Short

Drill Holes

Drawing

Finish

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

October-19-12 2:44:51 PM

Work Order ID: 92042

Parent Item:

646.9501

92042 *646 9501*

Parent Item Name: 206 Cable Cutter, High Start Date: 19/10/2012 Required Date: 02/11/2012 Start Qty: 1.00 Required Qty: 1.00 CR3213-4-3 No 110 Each 1,050.000 Purchased DAS 33 9-89 Location Loc Qty Loc Code ST328 1000 123301 1000 ST331 116583 118503 120910 10 121243 30 MS21047-3 110 Each 125.0000 Purchased No DAS ** 125535 33 **NUT PLATE** 9-89 Location Loc Qty Loc Code DAS ST316 125 123268 50 123301 50 123352 25 MS21042-08 Purchased No 110 Each 142.0000 DAS 33 9-89 Location Loc Qty Loc Code DAS ST300 DAS 31 103668 42 6 9-89 ST316 100

100

123352

											DQA:	Date:	•
NCR:	Yes	/ No				WORK ORDER NON-	COI	NFORM	MANCE / UP	DATE			
								T			QA Closed:	Date:	
Work Ord	er.					DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
WOIR OIG	٠					Rework	7		Skid-tube	Crosstube	1	Water Jet	Engineering
Part !	No.					Scrap	1	E .	Machining	Small Fab	Pro	d. Eng. Coor.	Quality
						Use-as-is		Thern	noforming	Finishing	Rec/Sto	re/Packaging	Other
NCR I	No.					Work Order Update	_		Large Fab	Composite]	Supplier	
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Root		. .	۵.	١		ption of work order update		Initial		tion	Sign &	Varification	001
Cause	_	Date	Step	Qty		or Non-conformance	Cr	nief Eng	Desc	ription	Date	Verification	QC Inspector
Doc/Data	Ш		1										
Equip/Tooling	Н												
Operator	Ш												
Material	Ш												
Setup	Ш								:				
Other													
Process	Ш												
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Training													
Unapproved							<u> </u>						
							AUI	LT CATE	GORY	·			
Landi	ing G	Gear			ـــنــ	General		_			_		-
		Bending				Bend		Grain			Ovalized		Pressure/Forced
		Centre No	ot Concei	ntric to	o/s ·	BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure
		Cracks				Broken/Damaged		Inspecti	on Incomplete		Part Incorre	ct	Weld
		Crushed/	Crimped.			Burrs		Instruct	ions Incomplete/	'Unclear	Part Lost/M	issing	Wrong Stock Pulled
		Cuffs				Contamination		Mainte	nance		Part Moved	· · · · · · · · · · · · · · · · · · ·	_
	Heat Treat					Countersink		Mislabe	eled		Positioned \	Wrong	
		Inspectio	n Strip in	Tube		Cut Too Short		Misread	i		Power Loss	/Surge	Other

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Torque Waves in Extrusion

Drill Holes

Drawing

Finish

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

October-19-12 2:44:51 PM

Work Order ID: 92042

Parent Item:

646.9501

Parent Item Name: 206 Cable Cutter, High

92042 *646 9501*

Start Date: 19/10/2012

Required Date: 02/11/2012

Start Qty: 1.00

Required Qty: 1.00

MS27039-08-13

Purchased

No

110

Each

392.0000

DAS

33 9-89

DAS 6 9.89

MS21059-3

Purchased

No

Location

4067

123352

120242

Mezz

ST307

92 300 300

110

Loc Qty

92

Each

2

250.0000

Loc Code

20.0000

Loc Code

123352

**

DAS 33

9-89

Nun Nate

9-89

N743-13

BRACKET

Purchased

No

Location Loc Oty ST316 250 123023 50 123301 200 110 Each

123301

126010

DAS

**

33 9-89

Loc Code Location Loc Qty ST324 121825 8 ST347 10 123352 ST348 2

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Shop Packet Print

Page 7

											DQA:	Date:	•		
NCR:	Yes	/ No				WORK ORDER NON-	WORK ORDER NON-CONFORMANCE / UPDATE								
						- · · · · ·					QA Closed:	Date:			
Work Ord	or.					DISPOSITION				AGAINST DE	PARTMENT,	/PROCESS			
Work Ord	C1.					Rework Skid-tube Crosstu					1	Water Jet	Engineering		
Part	Part No.					Scrap Machining Small Fab				Pro	d. Eng. Coor.	Quality			
						Use-as-is]	Therm	noforming	Finishing	Rec/Sto	re/Packaging	Other		
NCR	No.					Work Order Update			Large Fab	Composite]	Supplier			
		(1				1				C: 0	1	<u> </u>		
Root			.	۵.	1	ption of work order update	ı	Initial		ction	Sign &	V Contra	061		
Cause		Date	Step	Qty		or Non-conformance	Cr	nief Eng	Desc	cription	Date	Verification	QC Inspector		
Doc/Data	<u> </u>														
Equip/Tooling							1						1		
Operator															
Material								:							
Setup							-								
Other							1								
Process							1								
Supplier															
Training															
Unapproved															
							FAUI	LT CATE	GORY						
Land	ing (Gear				General									
		Bending				Bend		Grain			Ovalized		Pressure/Forced		
		Centre N	ot Concer	ntric to	o/s	BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure		
		Cracks				Broken/Damaged		Inspect	on Incomplete		Part Incorre	ct	Weld		
		Crushed/	Crimped.		Γ	Burrs		Instruct	ions Incomplete	/Unclear	Part Lost/M	issing	Wrong Stock Pulled		
		Cuffs				Contamination		Mainte			Part Moved		-		
	Heat Treat					Countersink		Mislabe	eled		Positioned \	W rong			
	Inspection Strip in Tube					Cut Too Short		Misread	i		Power Loss,	_	Other		

Out of Calibration

Out of Sequence

Outside Dimensions

Ripples in Bend

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drill Holes

Drawing

Finish

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

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92042 Work Order ID: 92042 Parent Item: 646.9501 *646 9501* Parent Item Name: 206 Cable Cutter, High **Start Date: 19/10/2012 Required Date:** 02/11/2012 Required Qty: 1.00 Start Qty: 1.00 AN3-3A Purchased No 110 Each 355.0000 126249 DAS 33 DAS 9-89 Location Loc Qty Loc Code 6 ST350 355 122416 55 122800 200 123352 100 CCR264SS3-04 Purchased No 110 Each 646.0000 12 ** DAS 33 9-89 Location Loc Qty Loc Code ST327 DAS 200 123352 200 6 9.89 ST331 446 17997 17997 446 CR3212-5-4 No Purchased 110 Each 368.0000 ** 3-10-22 DAS Cherry Rivet 33 9-89 Location Loc Code Loc Qty DAS ST328 200 123301 6 123301 200 9-89 ST330 168

68

100

120308

120410

											DQA:	Date:	
NCR:	Yes	/ No				WORK ORDER NON-	100	NFORM	/ANCE / UP	DATE			
_											QA Closed:	Date:	
Work Ord	lor:					DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
WOIK OIG	iei.					Rework	1		Skid-tube	Crosstube	1	Water Jet	Engineering
Part	Part No.					Scrap				Small Fab	Pro	d. Eng. Coor.	Quality
						Use-as-is	1		noforming	Finishing	₫	re/Packaging	Other
NCR	No.					Work Order Update	1		Large Fab	Composite		Supplier	
			-	*							<u>,</u>		.
Root				!	i .	ption of work order update	1	Initial		ction	Sign &		
Cause		Date	Step	Qty	(or Non-conformance	Ch	ief Eng	Desc	cription	Date	Verification	QC Inspector
Doc/Data	<u></u>												
Equip/Tooling	<u> </u>												1
Operator													
Material							1						
Setup											ı		
Other	<u></u>				1								
Process	_												
Supplier												1	
Training													
Unapproved				<u> </u>			1_						
							AUL	T CATE	GORY				
Land		3				General	_	,			-		7
	\perp	Bending				Bend		Grain			Ovalized		Pressure/Forced
		Centre N	ot Concei	ntric to	o/s	BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure
		Cracks				Broken/Damaged		Inspecti	on Incomplete		Part Incorre	ct	Weld
	L	Crushed/	Crimped.			Burrs		Instruct	ions Incomplete,	/Unclear	Part Lost/M	issing	Wrong Stock Pulled
		Cuffs				Contamination		Mainte	nance		Part Moved		
	Heat Treat					Countersink		Mislabe	led		Positioned \	Wrong	_
1		Inspectio	n Strin in	Tube	[Cut Too Short		Misread	1		Power Loss	/Surge	Other

Out of Calibration

Out of Sequence

Outside Dimensions

Ripples in Bend

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drill Holes

Drawing

Finish

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

October-19-12 2:44:51 PM

Work Order ID: 92042

Parent Item:

CCR264SS3-2

DAS

NAS1835-08

Insert

6

9-89

DAS

646.9501

Parent Item Name: 206 Cable Cutter, High

Purchased

Purchased

Purchased

92042 *646 9501*

Required Date: 02/11/2012 **Start Date:** 19/10/2012 Start Qty: 1.00 Required Qty: 1.00 No 110 Each 154.0000 DAS 126282 33 9-89 Location Loc Qty Loc Code ST331 154 106578 104 108738 2 48 112314 No 110 Each 50.0000 DAS 33 9-89 Location Loc Qty Loc Code ST298 50 123055 40 10 No 110 Each 400.0000 13-10-22 DAS 33 9-89

CR3213-4-1 Cherry Rivet DAS 6 9-89

Location Loc Qty ST328 123301 400

Loc Code 400

123301

											DQA:	Date:	,
NCR:	Yes	/ No				WORK ORDER NON-	COI	NFORM	MANCE / UP	DATE			
····											QA Closed:	Date:	
Work Ord	۰					DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
Work Ord	е.					Rework	7		Skid-tube	Crosstube	1	Water Jet	Engineering
Part	Nο					Scrap	1	l.	Machining	Small Fab	Pro	d. Eng. Coor.	Quality
rait	NO.					Use-as-is	1	1	noforming	Finishing	4	re/Packaging	Other
NCR	Nα					Work Order Update	1		Large Fab	Composite	1	Supplier	
, , ,						TOTA C. G.C. Space	ل ا				1		
Root					Descri	ption of work order update		Initial	A	ction	Sign &		
Cause		Date	Step	Qty	(or Non-conformance	Cł	nief Eng	Des	cription	Date	Verification	QC Inspector
Doc/Data													
Equip/Tooling				:									
Operator													
Material			1										
Setup													
Other													
Process													
Supplier													
Training					-	•							
Unapproved		<u> </u>									<u>. </u>		
						F	AUI	LT CATE	GORY				
Land	ing (1			_	General		7		[7	_	-
		Bending				Bend	_	Grain		<u> </u>	Ovalized	<u> </u>	Pressure/Forced
	<u></u>	Centre N	ot Conce	ntric to	o/s	BOM/Route	\perp	Hardwa		_	Over/Unde	 	Temperature/Cure
	<u></u>	Cracks				Broken/Damaged	<u> </u>	-1 '	ion Incomplete	<u> </u>	Part Incorre	}	Weld
1	L_	Crushed/	Crimped.			Burrs	\perp	-	ions Incomplete	/Unclear	Part Lost/M		Wrong Stock Pulled
		Cuffs			<u></u>	Contamination	<u> </u>	Mainte		<u></u>	Part Moved		
		Heat Trea	at			Countersink	\perp	Mislabe	eled		Positioned		7
1	1	Inspectio	n Strip in	Tube	1	Cut Too Short		Misread	t		Power Loss	/Surge	Other

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Torque Waves in Extrusion

Drill Holes

Drawing

Finish Folio October-19-12 2:44:51 PM

Work Order ID: 92042

Parent Item:

MS27039-1-08

646.9501

Parent Item Name: 206 Cable Cutter, High

92042 *646 9501*

Location

Loc Qty

Each

Start Date: 19/10/2012

Required Date: 02/11/2012

Start Qty: 1.00

Required Qty: 1.00

9-89

1,196.000

126319 DAS 33

DAS	
6	
9-89	

647.1210

•			

No

lanufactured	No

Purchased

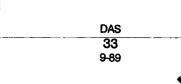
Μ

	_			
308			168	
	122452		168	
ST291			672	
	117423		71	
	119075		1	
	120308		44	
	121011		43	
	121243		500	
	121708		13	
ST305			356	
	123265		356	
		110	Each	

110

43	
500	
13	
356	
356	
Each	18.0000

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	4	1
**		



DAS	
6	
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שאט	
6	
9-89	
42 11	

MS35842-11

DAS

Purchased No

ocation_	Loc	e Qty
ST438		18
91438		18
	110	Each

8.0000

Loc Code

Loc Code

123525

DAS 33 9-89

Location ST290A 123023 Loc Qty

Loc Code

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										DQA:	Date:	•
NCR:	es / No				WORK ORDER NON-C	ONI	FORM	MANCE / UPI		QA Closed:	Date:	
*****						\neg						
Work Orde	er:				DISPOSITION				AGAINST DE	PARTMENT,	PROCESS	
					Rework	1 l		Skid-tube	Crosstube		Water Jet	Engineering
Part N	No.				Scrap		٨	/lachining	Small Fab	Pro	d. Eng. Coor.	Quality
					Use-as-is		Therm	oforming	Finishing	Rec/Sto	re/Packaging	Other
NCR N	No		·		Work Order Update]		Large Fab	Composite		Supplier	
Root				Descri	ption of work order update	Ini	itial	Act	tion	Sign &		
Cause	Date	Step	Qty		or Non-conformance	Chie	f Eng	Desc	ription	Date	Verification	QC Inspector
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Equip/Tooling												
Operator												
Material						1						
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	Bending				Bend		Grain			Ovalized		Pressure/Forced
	Centre N	lot Conce	ntric to	o/s	BOM/Route	∐⊦	lardwa	re		Over/Under	tolerance	Temperature/Cure
	Cracks				Broken/Damaged		nspecti	on Incomplete		Part Incorre	ct	Weld
	Crushed	/Crimped	-		Burrs	L II	nstructi	ions Incomplete/	Unclear	Part Lost/M	issing	Wrong Stock Pulled
	Cuffs				Contamination		√ainte	nance		Part Moved		
	Heat Tre	at			Countersink		∕iislabe	led		Positioned \	Wrong	_
	Inspection	on Strip in	Tube		Cut Too Short		∕isread			Power Loss/	'Surge	Other

Out of Calibration
Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Torque Waves in Extrusion

Drill Holes

Drawing

Finish Folio

Page 11

Picklist Print

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October-19-12 2:44:51 PM

Work Order ID: 92042 *92042* Parent Item: 646.9501 *646 9501* Parent Item Name: 206 Cable Cutter. High Start Date: 19/10/2012 Required Date: 02/11/2012 Start Otv: 1.00 Required Qty: 1.00 MS27039-08-11 No 110 Each 33 9-89 Location Loc Qty Loc Code DAS 6 309 100 9.89 122441 100 ST292 46 120833 46 ST307 500 123352 500 MS27039-08-06 Purchased No 110 Each DAS 33 9-89 9.89 Location Loc Qty Loc Code ST293 100 117065 100 MS27039-08-09 Purchased No 110 Each 51.0000 DAS 33 DAS Location Loc Qty 9-89 Loc Code 6 9-89 Mezz 11187 51 MS27039-08-12 No Purchased 110 Each 131.0000 ₾MS27039<u>-08-12</u> ** 13-10-22 DAS Screw 33 DAS Location Loc Qty Loc Code 9-89 6 Mezz 31 9-89 1850 1850 31 ST307 100 123352 100

Shop Packet Print

												DQA:	Da	ite:	
NCR:	Yes	/ No				WORK ORDER NON-C	100	NFORM	ANCE / UP	DATE		_			
											1	QA Closed:	Da	ite:	
Work Orde	or.					DISPOSITION				AGAINST D	EF	ARTMENT/	PROCESS		
WOIK OIG	٠٠٠.					Rework			Skid-tube	Crosstube			Water Jet		Engineering
Part N	١o.					Scrap			Machining	Small Fab	٦	Prod	d. Eng. Coor.		Quality
	•					Use-as-is		Therm	noforming	Finishing]	Rec/Stor	e/Packaging	-	Other
NCR I	No.					Work Order Update]		Large Fab	Composite	╛		Supplier		
Root					Descri	tion of work order update		Initial	Ac	tion	1	Sign &			
Cause		Date	Step	Qty		or Non-conformance	Ch	ief Eng	Desc	ription		Date	Verificatio	'n	QC Inspector
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Landi	ng (Gear				General		-		_					-
		Bending				Bend	L	Grain		L		Ovalized			Pressure/Forced
	L	Centre No	ot Concer	ntric to	o/s	BOM/Route	L	Hardwa	re	L		Over/Under	tolerance	L	Temperature/Cure
		Cracks				Broken/Damaged		Inspecti	on Incomplete			Part Incorred	ct		Weld
		Crushed/	Crimped.			Burrs		Instruct	ions Incomplete/	Unclear		Part Lost/Mi	ssing 🤌	L	Wrong Stock Pulled
		Cuffs				Contamination		Mainte	nance			Part Moved			
		Heat Trea	at			Countersink		Mislabe	eled			Positioned V	Vrong		_
		Inspectio	n Strip in	Tube		Cut Too Short		Misread	ł			Power Loss/	Surge		Other

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Torque Waves in Extrusion

Drill Holes

Drawing

Finish

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Page 12

Picklist Print

October-19-12 2:44:51 PM

Work Order ID: 92042 *92042* Parent Item: 646.9501 *646 9501* Parent Item Name: 206 Cable Cutter, High Start Date: 19/10/2012 **Required Date:** 02/11/2012 Start Qty: 1.00 Required Qty: 1.00 MS27039-1-11 No Purchased 110 Each 137.0000 DAS 33 Screw 9-89 Location Loc Qty Loc Code DAS 6 Mezz 37 9.89 9662 37 ST305 100 123352 100 CR3212-4-4 No Purchased 110 Each 123265 DAS Cherry Rivet DAS 33 Location Loc Qty Loc Code 9-89 ST328 200 123346 200 MS24694-S8 Purchased No 110 200.0000 Each DAS 33 Screw 9-89 DAS Location Loc Qty Loc Code DAS ST302 200 123348 123348 100 123352 100 AN3-10A Purchased No 110 Each 251.0000 DAS 125709 33 Bolt DAS 9-89 DAS 6 Location Loc Oty Loc Code 9-89 ST351 251 120873 17 122800 234 647.5701 Manufactured 110 Each 0.0000 ** 13-10-22

Shop Packet Print

												DQA:	Da	ite:	,
NCR:	Yes	/ No				WORK ORDER NON-C	100	NFORM	MANCE / UP	DATE					
											_	QA Closed:	Da	ete:	
Work Orde	er.					DISPOSITION				AGAINST [Œ	PARTMENT	PROCESS		,
Part N	No.					Rework Scrap Use-as-is Work Order Update		Thern	Skid-tube Machining noforming Large Fab	Crosstube Small Fab Finishing Composite			Water Jet d. Eng. Coor. re/Packaging Supplier		Engineering Quality Other
Root					Descri	ption of work order update	1	nitial	Ac	tion		Sign &			
Cause		Date	Step	Qty	(or Non-conformance	Ch	ief Eng	Desc	ription		Date	Verificatio	'n	QC Inspector
Doc/Data															
Equip/Tooling											ŀ	,			
Operator															
Material														1	
Setup															
Other															
Process															
Supplier															
Training															
Unapproved															
						F	AUL	T CATE	GORY						
Landi	ng G	iear				General		_				_		_	
		Bending				Bend		Grain				Ovalized			Pressure/Forced
		Centre No	ot Concer	ntric to	o/s	BOM/Route		Hardwa	re	[Over/Under	tolerance	L	Temperature/Cure
		Cracks				Broken/Damaged		Inspecti	on Incomplete			Part Incorre	ct		Weld
		Crushed/0	Crimped.			Burrs		Instruct	ions Incomplete	'Unclear		Part Lost/M	ssing		Wrong Stock Pulled
		Cuffs				Contamination		Mainte	nance	Ī		Part Moved			•

Mislabeled

Out of Calibration

Out of Sequence

Outside Dimensions

Misread

Offset

Positioned Wrong

Power Loss/Surge

Other

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Ripples in Bend

Turning Sequence

Wave/Twist in Tube

Heat Treat

Inspection Strip in Tube

Torque Waves in Extrusion

Countersink

Cut Too Short

Drill Holes

Drawing

Finish

October-19-12 2:44:51 PM

Work Order ID: 92042 *92042*

Parent Item: 646.9501 *646 9501*

Parent Item Name: 206 Cable Cutter, High

9-89

Tarent Item Name. 200 Cable Cutter,	nigii				į	Start Date: 19/10/20	12 Requ	ired Date: 02	2/11/2012
600.0990	Dunchoood	No	110	F 1		Start Qtŷ: 1.00	Req	uired Qty: 1.	00
600 0990 6 Magnabond 6398 Part A (One 4 oz & afre)	Purchased	110	110	Each	0.0000	**	126215	DAS 33	DAS 31
600.0991	Purchased	No	110	Each	0.0000			9-89	989
*6000991 DAS 6 Magnabond 6398 Part B (One 4 oz can) 89						** \(\frac{12}{2}	26215	DAS 33	DAS 31
600.1012	Purchased	No	110	Each	0.0000	$\langle \zeta_1^1 \rangle$		9-89	9.89
600 1012 Sealant (One 6 oz Semkit)						** 1	16248	DAS	13-10-22
D AS						¥		9-89	
e									

NCR:	/es	/ No				WORK ORDER NON-O	O	NFORM	MANCE / UP	DATE		•			:
											Q	(A Closed:	Da	te:	
Work Orde	ar.					DISPOSITION				AGAINST DE	EP#	ARTMENT/	PROCESS		. •
	•					Rework			Skid-tube	Crosstube]		Water Jet		Engineering
Part N	١٥.					Scrap			Machining	Small Fab	4		d. Eng. Coor.		Quality
NCR N	No.					Use-as-is Work Order Update			Large Fab	Finishing Composite		Rec/Stor	e/Packaging Supplier	-	Other
Root					Descri	ption of work order update	1	nitial	Act	tion		Sign &			
Cause		Date	Step	Qty	(or Non-conformance	Ch	ief Eng	Desc	ription		Date	Verificatio	n	QC Inspector
Doc/Data										•					
Equip/Tooling															
Operator															ļ
Material									·						
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Other													ı		
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Supplier															
Training															
Unapproved							<u> </u>				L				
							AUL	T CATE	GORY						
Landi		I				General	_	1		_	٦.			_	7
	\vdash	Bending				Bend	lacksquare	Grain		<u> </u>	-	Ovalized		L	Pressure/Forced
	-	Centre No	ot Concer	ntric to	o/s	BOM/Route	_	Hardwa		ļ		Over/Under			Temperature/Cure
		Cracks				Broken/Damaged	<u></u>	Inspecti	on Incomplete		_ P	art Incorred	ct		Weld
		Crushed/0	Crimped.			Burrs		Instruct	ions Incomplete/	Unclear	_ P	art Lost/Mi	ssing		Wrong Stock Pulled
		Cuffs				Contamination		Mainte	nance		_ P	art Moved			
		Heat Trea	t			Countersink		Mislabe	led		J₽	ositioned V	Vrong		_
		Inspection	n Strip in	Tube		Cut Too Short		Misread	i		P	ower Loss/	Surge		Other

Out of Calibration

Out of Sequence

Outside Dimensions

DQA:

Date:

Ripples in Bend

Turning Sequence

Wave/Twist in Tube

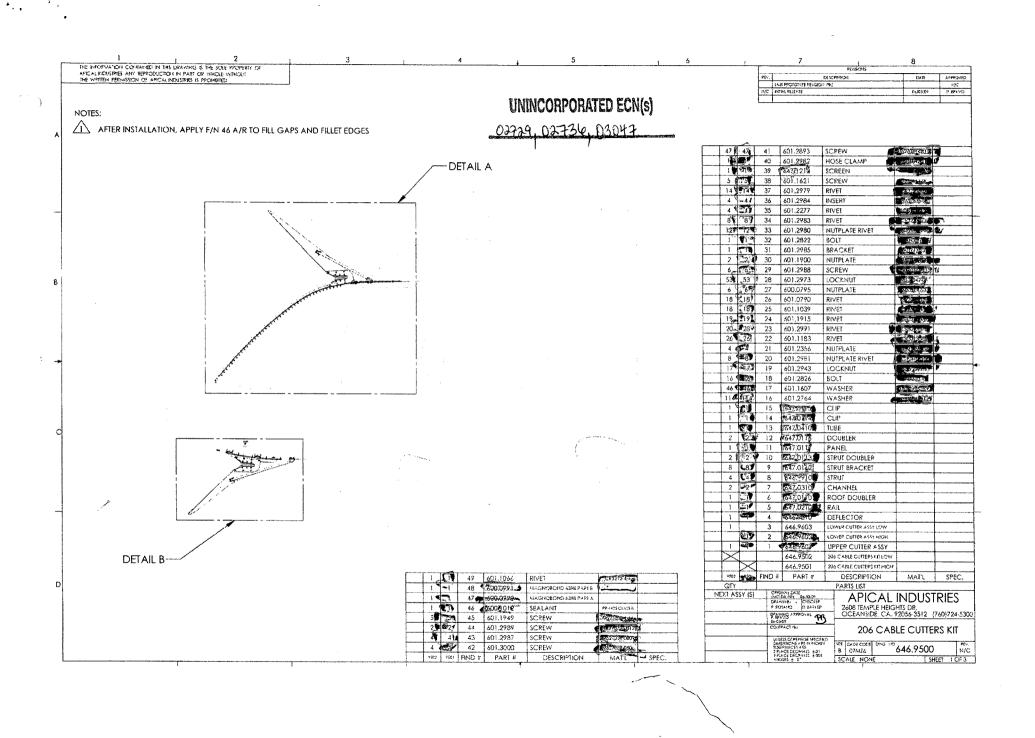
Torque Waves in Extrusion

Drill Holes

Drawing

Finish

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G



	ENGINEERING CHANGE NOTICE	NO. 02736	SHEET 1-OF 1
APICAL	DWG NO. 646,9500 REV:N/C	PREPARED S. HUFF DATE: 01/0	06/10 EFFECT ON DWG
INDUSTRIES, INC.	DWG TITLE: 206 CAI	BLE CUTTERS KIT	
	APPROVED BY: ENGR 3000 MFD	I Jones at Mary Low	EFF: CURRENT ORDER
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE	REASON CORRECTED PARTS LIST ERRO	RS V	

Sofrings

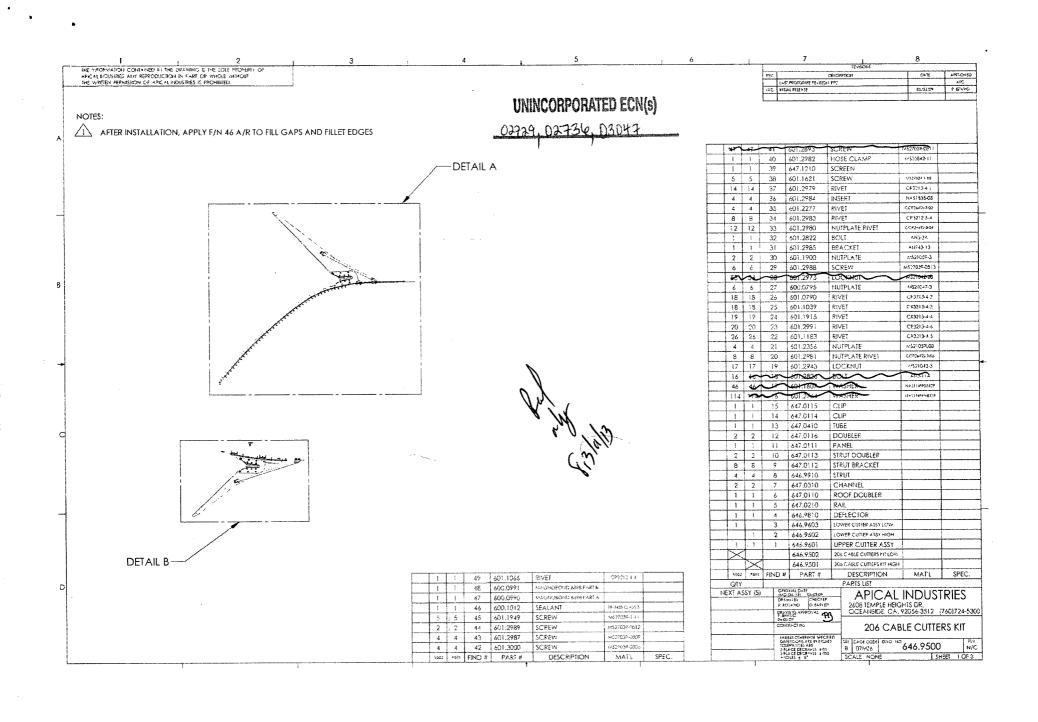
17	R	601.1607	62	62	WASHER	NAS1149F0332P
16	R	601.2764	111	111	WASHER	NAS1149FN832P
			9502	9501		
F/N	тс	PART NUMBER	QT	Υ	DESCRIPTION	MATERIAL/SPECIFICATION
DOC	UME	ENTS EFFECTED		MDL	☑ INSTALL INSTRUC ☑ ICA ☐ FMS ☑ BOM ☐ MAJOR	CATEGORY DER REVIEW REQUIRED R MINOR DYES MONO

Antibaccian con-	ENGINEERING CHANGE NOTICE NO. 02729 SHEET 1 OF 3
APICAL	DWG NO. 646.9500 REVIN/C BY S. HUFF DATE: 12/23/09 EFFECT ON DWG
INDUSTRIES, INC.	DWG TITLE: 206 CABLE CUTTERS KIT
	APPROVED BY: ENGR I Some James
TRANSACTION CODES (TC) A-ADD C-CREATE R-REVISE D-DELETE	REASON: HARDWARE REVISIONS FROM FIRST INSTALL

Sedulis

51	Α	601.3155	8	8	BOLT	AN3-10A
50	Α	601.3153	5	5	SCREW	MS24694S8
41	R	601.2893	43	43	SCREW	MS27039-0811
58	R	601,2973	54	54	LOCKNUT	MS21042-08
18	R	601.2826	8	8	BOLT	AN3-11A
16	R	691.2764	127	127	WASHER	NASILA PINESAN PALISAN
			9502	9501		
F/N	TC	PART NUMBER	Q	ΓΥ	DESCRIPTION	MATERIAL/SPECIFICATION
DOC	UME	ENTS EFFECTED		MDL	☑ INSTALL INSTRUC ☑ ICA ☐ FMS ☒ B☐M ☐ MAJO	CATEGORY DER REVIEW REQUIRED R MINOR OF YES MINOR

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SHEET 1 JOF 1 ENGINEERING CHANGE NOTICE NO. 03047 EFFECT ON DWG PREPARED BY REV: NC DATE: 01/24/11 DWG ND. 646.9500 J. JACKSON ☐ INC. XI UNINC. DWG TITLE: 206 CABLE CUTTERS KIT INDUSTRIES, INC. NEXT ORDER APPROVED BY: David Bul REASON: ADDED GPS MOUNT KIT, F/N 52. REVISED DRAWING VIEWS. TRANSACTION CODES (TC): C-CREATE A-ADD ADDED NOTE /2\ R-REVISE D-DELETE SHEET 1, ZONE B1 IS: AT CUSTOMERS OPTION, INSTALL F/N 52 BY MATCH DRILLING ONTO F/N 1. SHEET 2, ZONE B2 IS: SHEET 2, ZONE A3 IS: REF DETAIL C 2 PL(9)-(17) 8 PL (19) 2 PL REF (1 (2 PL(29) 4 Pt(16) $\Delta \oplus$ 2 PL(28) DETAIL C TYPICAL GPS MOUNT KIT INSTALLATION 4 PL (18) 8 PL (17) 4 PL (19) REF GPS MOUNT KIT 647.5701 REF 52 .9502 .9501 MATERIAL **SPECIFICATION** F/N TC PART NUMBER DESCRIPTION QTY DER REVIEW REQUIRED CHANGE CATEGORY DOCUMENTS EFFECTED: □ MDL □ INSTALL INSTRUC □ ICA Ø B□M □ MAJOR Ø MINOR ☐ YES X NO